

WHAT IS CLAIMED IS:

1. An information processing apparatus comprising:

attribute designation means for designating an attribute of object information;

5 process designation means for designating a process for said object information;

setup means for setting up a command to be executed; and

10 execution means for executing said command set up by said setup means upon the performance of said process designated by said process designation means for said object information having said attribute designated by said attribute designation means.

15 2. An information processing apparatus according to claim 1, further comprising:

time limit setup means for setting a time limit; and

20 inhibition means for inhibiting said execution means for executing a command when said time limit set by said time limit setup means has expired.

25 3. An information processing apparatus according to claim 1, further comprising:

status designation means for designating the status of said apparatus; and

~~means for permitting said execution
means to execute a command when said status designated
by said status designation means is established.~~

5 4. An information processing apparatus according
to claim 1, wherein said attribute of said object
information includes at least one of an information
name, an information transmitter name, and an
information sender name.

10 *SAC* 5. An information processing apparatus according
to claim 1, wherein said process includes at least one
of the reception, of the transmission, and of the
printing of said object information.

15 6. An information processing apparatus according
to claim 1, wherein said command includes a command for
issuing a notification that said designated process has
been completed.

20 7. An information processing apparatus according
to claim 1, wherein said command includes a command for
performing a further process related to said object
information.

25 8. An information processing apparatus according
to claim 7, wherein said further process includes at

~~least one of the printing or of the holding of said object information.~~

9. An information processing apparatus according
5 to claim 2, further comprising:

management means for deleting a command set by
said setup means when said time limit set by said time
limit setup means has expired.

10 10. An information processing method comprising:

an attribute designation step of designating an
attribute of object information;

a process designation step of designating a
process for said object information;

15 a setup step of setting up a command to be
executed; and

an execution step of executing said command set up
at said setup step upon the performance of said process
designated at said process designation step for said
20 object information having said attribute designated at
said attribute designation step.

11. An information processing method according to
25 claim 10, further comprising:

a time limit setup step of setting a time limit;
and

an inhibition step of inhibiting the execution of

a command at said execution step when said time limit set at said time limit setup step has expired.

12. An information processing method according to
5 claim 10, further comprising:

a status designation step of designating the status of an apparatus; and

a permission step of permitting the execution of a command at said execution step when said status designated at said status designation step is established.

13. An information processing method according to
claim 10, wherein said attribute of said object information includes at least one of an information name, an information transmitter name, and an information sender name.

14. An information processing method according to
20 claim 10, wherein said process includes at least one of the reception, of the transmission, and of the printing of said object information.

15. An information processing method according to
25 claim 10, wherein said command includes a command for issuing a notification that said designated process has been completed.

16. An information processing method according to
claim 10, wherein said command includes a command for
performing a further process related to said object
information.

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17. An information processing method according to
claim 16, wherein said further process includes at
least one of the printing or of the holding of said
object information.

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18. An information processing method according to
claim 10, further comprising:

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a management step of deleting a command set at
said setup step when said time limit set at said time
limit setup step has expired.

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19. A storage medium on which is stored a
program, which comprises:

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an attribute designation step of designating an
attribute of object information;

a process designation step of designating a
process for said object information;

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a setup step of setting up a command to be
executed; and

an execution step of executing said command set up
at said setup step upon the performance of said process
designated at said process designation step for said

object information having said attribute designated at
said attribute designation step.

20. An information processing apparatus
5 comprising:

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designation means for designating a status that is
employed as an execution condition for a process to be
performed;

10 setup means for setting up, together with said
status, said process that is to be performed when said
status designated by said designation means has
occurred;

15 determination means for determining whether said
status designated by said designation means has
occurred; and

execution means for, when the occurrence of said
status is determined by said determination means,
performing said process that is set up with said
status.

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21. An information processing apparatus according
to claim 20, further comprising:

time period setup means for setting an effective
time period; and

25 inhibition means for inhibiting said execution
means from executing a command at a time other than
said time period set by said time period setup means.

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22. An information processing apparatus according to claim 20, wherein said designation means designates a status during which a specific process is to be performed.

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23. An information processing apparatus according to claim 20, wherein at least one of the reception, of the transmission, and of the printing can be designated as the type for said specific process.

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24. An information processing apparatus according to claim 23, wherein at least one of a user name, of an apparatus, and of a process name can be designated as an attribute for said specific process.

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25. An information processing apparatus according to claim 20, wherein said designation means designates a specific status for said apparatus.

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26. An information processing apparatus according to claim 20, wherein a failure of each section of said apparatus, or a shortage of each resource is capable of being designated as said specific status.

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27. An information processing apparatus according to claim 20, wherein said setup means is capable of setting, as said process to be executed, at least one

~~of a notification, of a printing, and of a holding process.~~

5 28. An information processing apparatus according
to claim 20, that is capable of executing, at the
least, either the reading or the printing of
~~information.~~

10 29. An information processing method comprising:
a designation step of designating a status that is
employed as an execution condition for a process to be
performed;

15 a setup step of setting up, together with said
status, said process that is to be performed when said
status designated at said designation step has
occurred;

20 a determination step of determining whether said
status designated at said designation step has
occurred; and

25 an execution step of, when the occurrence of said
status is determined at said determination step,
performing said process that is set up with said
status.

25 30. An information processing method according to
claim 29, further comprising:

a time period setup step of setting an effective

(Signature) time period; and

an inhibition step of inhibiting the execution of
a command at said execution step at a time other than
said time period set at said time period setup step.

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31. An information processing method according to
claim 29, wherein a status during which a specific
process is to be performed is designated at said
designation step.

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32. An information processing method according to
claim 29, wherein at least one of the reception, of the
transmission, and of the printing is capable of being
designated as the type for said specific process.

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33. An information processing method according to
claim 32, wherein at least one of a user name, of an
apparatus, and of a process name is capable of being
designated as an attribute for said specific process.

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34. An information processing method according to
claim 29, wherein a specific status for an apparatus is
designated at said designation step.

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35. An information processing method according to
claim 29, wherein a failure of each section of an
apparatus, or a shortage of each resource is capable of

being designated as said specific status.

36. An information processing method according to
claim 29, wherein at said setup step, at least one of a
5 notification, of a printing, and of a holding process
is capable of being set as said process to be executed.

37. An information processing method according to
claim 29, whereby at the least, either the reading or
10 the printing of information is capable of being
executed.

38. A storage medium on which is stored a
program, which comprises:

15 a designation step of designating a status that is
employed as an execution condition for a process to be
performed;

20 a setup step of setting up, together with said
status, said process that is to be performed when said
status designated at said designation step has
occurred;

25 a determination step of determining whether said
status designated at said designation step has
occurred; and

an execution step of, when the occurrence of said
status is determined at said determination step,
performing said process that is set up with said

status.

39. An information processing apparatus comprising:

5 execution means for performing a process for object information to be processed;

notification destination designation means for designating a destination for a notification related to said object information;

10 trigger setup means for setting a trigger for said notification;

time setup means for setting a time period extending from the time at which said trigger for said notification is tripped until said notification is issued; and

15 notification means for, when said time period that is set by said time setup means has elapsed since said trigger for said notification that is set by said trigger setup means has been tripped, issuing a notification to said notification source that is designated by said notification destination means.

40. An information processing apparatus according to claim 39 further comprising:

25 notification medium selection means for selecting a notification medium related to said object information,

wherein said notification means issues a notification using said notification medium selected by said notification medium selection means.

5 41. An information processing apparatus according to claim 39, wherein said execution means prints said object information.

10 42. An information processing apparatus according to claim 39, wherein said execution means transmits said object information.

15 43. An information processing apparatus according to claim 39, wherein a trigger for said notification is a successful conclusion of the processing for said object information.

20 44. An information processing apparatus according to claim 39, wherein a trigger for said notification is the failure of the processing for said object information.

25 45. An information processing apparatus according to claim 39, further comprising:

 reception means for receiving object information to be processed;

 object information storage means for storing said

object information received by said reception means;
and

access means for accessing said object information
stored in said object information storage means,

5 wherein said trigger for said notification is an
access effected by said access means.

46. An information processing apparatus according
to claim 45, wherein said trigger for said notification
10 is an access effected by said access means to transmit
said object information.

47. An information processing apparatus according
to claim 45, wherein said trigger for said notification
15 is an access effected by said access means to print
said object information.

48. An information processing apparatus according
to claim 45, wherein said trigger for said notification
20 is an access effected by said access means to delete
said object information.

49. An information processing apparatus according
to claim 39, further comprising:

25 list display means for displaying a list of setup
contents for a plurality of said notifications.

50. An information processing method comprising:
an execution step of performing a process for
object information to be processed;
a notification destination designation step of
5 designating a destination for a notification related to
said object information;
a trigger setup step of setting a trigger for said
notification;
a time setup step of setting a time period
10 extending from the time at which said trigger for said
notification is tripped until said notification is
issued; and
a notification step of, when said time period that
is set at said time setup step has elapsed since said
15 trigger for said notification that is set at said
trigger setup step has been tripped, issuing a
notification to said notification source that is
designated at said notification destination step.

20 51. An information processing method according to
claim 50, further comprising:
a notification medium selection step of selecting
a notification medium related to said object
information,
25 wherein at said notification step a notification
is issued using said notification medium selected at
said notification medium selection step.

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52. An information processing method according to
claim 50, wherein said object information is printed at
said execution step.

5 53. An information processing method according to
claim 50, wherein said object information is
transmitted at said execution step.

10 54. An information processing method according to
claim 50, wherein a trigger for said notification is a
successful conclusion of the processing for said object
information.

15 55. An information processing method according to
claim 50, wherein a trigger for said notification is
the failure of the processing for said object
information.

20 56. An information processing method according to
claim 50, further comprising:

a reception step of receiving object information
to be processed;

an object information storage step of storing said
object information received at said reception step; and

25 an access step of accessing said object
information stored at said object information storage
step,

wherein said trigger for said notification is an access effected at said access step.

57. An information processing method according to
5 claim 56, wherein said trigger for said notification is an access effected at said access step to transmit said object information.

58. An information processing method according to
10 claim 56, wherein said trigger for said notification is an access effected at said access step to print said object information.

59. An information processing method according to
15 claim 56, wherein said trigger for said notification is an access effected at said access step to delete said object information.

60. An information processing method according to
20 claim 50, further comprising:

a list display step of displaying a list of setup contents for a plurality of said notifications.

61. A storage medium on which is stored a
25 program, which comprises:

an execution step of performing a process for object information to be processed;

a notification destination designation step of designating a destination for a notification related to said object information;

5 a trigger setup step of setting a trigger for said notification;

a time setup step of setting a time period extending from the time at which said trigger for said notification is tripped until said notification is issued; and

10 a notification step of, when said time period that is set at said time setup step has elapsed since said trigger for said notification that is set at said trigger setup step has been tripped, issuing a notification to said notification source that is designated at said notification destination step.

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